

Introduction

► UN Millennium Development Goal: "... cut by half the number of people who do not have access to clean water by 2015 ..."

Personal experience: Drought and water scarcity in Guerin-Kouka, Togo 1971

- Impacts of Climate Change
 - Rainfall decrease by 25 % in some areas
 - River discharge dropped by 45 %
 - Electric power shortage at Akosombo Dam
 - Added impact of harbor construction: Ghana, Togo and Benin

- Hydrologic Database Improvement
 - Weather stations little concern before 1931
 - Need for hydro-meteorological datasets

- Technology Transfer and Capacity Building
 - Transfer of equipment, computer models and other software
 - Training: Workshops, short courses, scientist exchange
 - START and Repertoire of African scientists involved in IGBP programs

- Preventing Difficulties
 - Instrumentation adapted to local conditions
 - Technician training for research equipment maintenance
 - Prevent partisan nomination of project managers
 - Solving language barrier problems by translation
 - Water law and policy to solve conflicts among riparian countries

Conclusion

➤ Safe water available to rich and poor of the world: "... the right to live life ..."

► Technology transfer: Just a dream, or a turning point for the continent

